User's Manual

SCANTECH ID
a Champtek company

VEGA Linear Imager V-1010/V-1010BT Handheld Bar code Scanner

EMEA
SCANTECH-ID BV
Nijverheidsweg Noord 60-34
3812 PM Amersfoort
The Netherlands
Tel:+31-33-4698400
Fax:+31-33-4650615
E-mail:info@scantech-id.com
www.scantech-id.com

HEAD QUARTER
CHAMPTEK INCORPORATED
5/F, No.2 Alley 2, Shih-Wei Lane,
Chung Cheng Rd., Hsin Tien City,
Taipei 231,Taiwan
Tel:+886-2-2219-2385
Fax:+886-2-2219-2387
E-mail:sales@champtek.com
www.champtek.com

China
CHAMPTEK INCORPORATED
#901, No. 39, Wuzhong Rd., Shanghai
200235, China
Tel: +86-21-5489-0021
Fax: +86-21-5489-1833

Notice The manufacturer shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages in connection with the furnishing, performance or use of the publication

User's Installation and Configuration Manual

Scantech-ID VEGA

Copyright © 2009, Scantech-ID BV.
This manual is copyrighted, with all rights reserved. Under the copyright laws, this manual may not, in whole or in part, be copied, photocopied, reproduced, translated or converted to any electronic medium or machine readable form without prior written consent of Scantech-ID BV.

Limited Warranty

Under all circumstances this manual should be read attentively, before installing and/or using the product. In no event shall Scantech-ID BV be liable for any direct, indirect, special, consequential or incidental damages arising out of the use or inability to use this documentation or product, even if advised of the possibility of such damages. In particular, Scantech-ID BV shall not be liable for any hardware, software, or data that is stored or used with the product, including the cost of repairing, replacing or recovering the above. Scantech-ID BV reserves the right to change parts of the device at any time without preceding or direct announcement to the client.

Scantech-ID BV reserves the right to revise this manual, and to make changes in the contents without obligation to notify any person or entity of the revision or change. A serial number appears on the product. Make sure that this official registration number has not been removed. It should be used whenever servicing by Scantech-ID BV or an authorized Scantech dealer is necessary.

P/N A270003 V1.0 April 2009

Table of contents

Table of Contents 1
Introduction..... 4

Chapter 1 Product Safety 5
1.1 Safety & Caution..... 6
1.2 FCC Warning..... 7
1.3 Scanner Labelling..... 8

Chapter 2 General Description 9
2.1 Use of the VEGA 10

Chapter 3 Installation of the VEGA V-1010 11
3.1 Unpacking 12
3.2 Mounting 13

Chapter 4 Installation of the VEGA V-1010BT 14
4.1 Unpacking 15
4.2 Cradle Installation.....16
4.3 Setup Bluetooth Communication.....17

Chapter 5 Cover Display 20
5.1 Setup Cover Display.....21

Chapter 6 Configuring the VEGA 25

6.1 Preface 26

6.2 Factory Default Setting 28

Chapter 7 Programming Codes 29

7.1 General Process 30

7.2 Interface Selection 32

7.3 Bluetooth Scanner Setup. 33

7.4 Bluetooth Cradle Setup 36

7.5 Scanner Operation 37

7.6 RS232 Mode Parameters 40

7.7 Keyboard Wedge Mode Parameters.....43

7.8 Output Characters 47

7.9 Code Type 48

7.10 UPC/EAN/JAN Parameters 52

7.11 Code 39 Parameters 55

7.12 Code 128 Parameters 58

7.13 Interleave 2 of 5 Parameters 61

7.14 Industrial 2 of 5 Parameters 64

7.15 Matrix 2 of 5 Parameters 67

7.16 Codabar/NW7 Parameters 69

7.17 Code 93 Parameters 72

7.18 Code 11 Parameters 74

7.19 MSI/Plessey Code Parameters 76

7.20 Telepen Parameters 78

7.21 GS1 Databar Parameters 80

7.22 GS1 Databar Limited Parameters 81

7.23 GS1 Databar Expanded Parameters 82

Chapter 8 Miscellaneous Parameters 83

8.1 Bar Code ID....84

8.2 Preambles and Postambles Insertion....87

8.3 Character Deletion....92

Appendices.... 97

A Decimal Value Table....98

B ASCII Table....99

C Function Key Table....105

D Readable Symbologies....106

E Technical Specifications....107

F Scan Map....109

G Led Indicator Status....111

H Test Symbologies....112

I Overview Partnumbers....114

Introduction

VEGA is a cutting-edge gun-type barcode scanner which is designed specifically for retail market. To the brand new series of ***VEGA***, we add on more user-friendly functions with detachable cable that makes it more easily to be operated by the customers.

Speaking of the performance, this scanner supports middle to long range mode. For specification of ***VEGA*** which supports the reading depth up to 27 centimeter, scan rate is up to 700 scans / per second.

The new ***VEGA*** scanner has most modern design with the decorative cover display on the top of the scanner that will enhance the looks of the checkout counter in the retail market. This magnificent design allowed end-users to display their product information or any relevant commercial message in the cover display. This advanced mechanical design truly creates a win-win solution for both POS retail systems and consumers.

In short, ***VEGA*** is absolutely a high performance gun-type scanner, which provides the customer with the most cost-effective solution in the market. It is perfectly suitable and definitely the best choice for any retailers using POS environment.

Quality and Durability
The ***VEGA*** comes with the same top quality as all other Scantech-ID products. So at a very competitive price the same quality and performance of more expensive products is available. Due to the high MTBF times of every component a long and service free operation time is secured.

Connectivity
The ***VEGA*** is available into interface types, RS232 interface, USB interface and also with Bluetooth technology, so there is always a solution to connect the Vega to your POS system.

Chapter 1 Product Safety

1.1 SAFETY & CAUTION

1. Please read the following safety statement carefully.
2. Please preserve this user manual for reference sometime.
3. Before cleaning the ***VEGA***, the users must cut off all AC power. Do not use liquid or spray type of detersive to clean the ***VEGA***. Please use dampish cotton cloth to clean the ***VEGA***.
4. The outlet must set nearby the ***VEGA*** for connecting power easily.
5. Keep the ***VEGA*** dry to avoid short circuit.
6. During installation you must fix the equipment at solid table to avoid damage caused by falling.
7. Before inserting power please ensure the voltage is healthy to the equipment.
8. For safety please tie wire well and don't put anything on the wire.
9. If you don't use this equipment for long time, please cut off the power to avoid damage from surge power.
10. Don't spray any liquid on this scanner because it may cause a fire or short circuit.
11. Please do not open the equipment. For safety only the qualified serviceman can open the equipment.
12. If there are the following situations please contact with the qualified serviceman to check this equipment.
    (a) The damage of wire or pin of power supply.
    (b) Some Liquid infiltrate into the equipment.
    (c) The equipment has been exposed to wet environment.
    (d) The equipment can't work well.
    (e) The equipment has any obvious damage, making the ***VEGA*** working abnormally.
13. Don't storage the ***VEGA*** at the temperature lower than -20°C (-4°F) or higher than +70°C (158°F) to avoid any damage.

1.2 FCC WARNING

This equipment complies with the requirements in Part 15 of FCC.

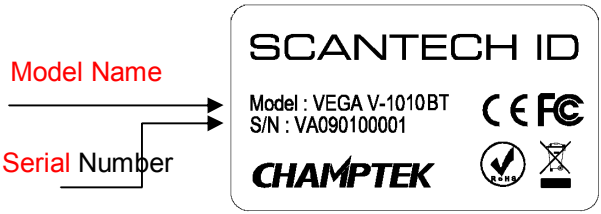
Any operation must comply with the conditions below:
(a) The equipment will not cause any severe interference.
(b) The equipment can avoid any interference from environment.

Statement:
This product is classified as B class product.
In environment this product may cause some interference. In this situation the user may do something to avoid interference.

1.3 SCANNER LABELLING

One label is present on the housing of the ***VEGA*** as indicated in the figure below.
This label is attached by the manufacturer and should not be removed. The scanner serial number is found on this label. This official registration is strictly

related to the device. The supplier may ask for this number when the scanner needs servicing.



Model Name: VEGA V-1010 Linear Imager
VEGA V-1010BT Linear Imager Bluetooth

Serial Number: Product Serial No. (VA……..)

See Appendix F for more information in detail.

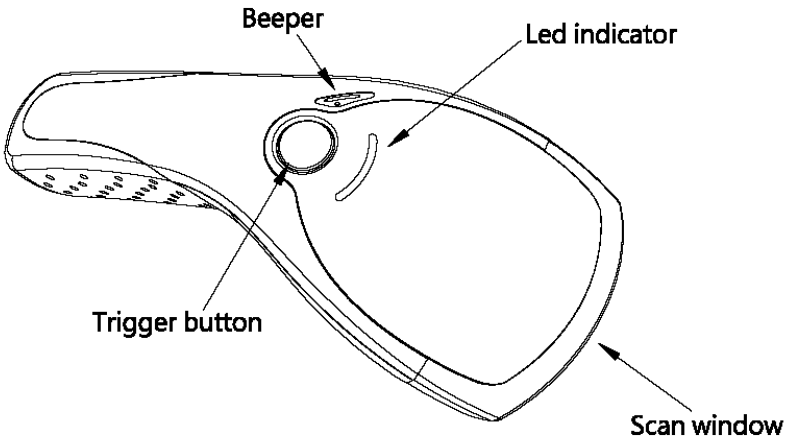
Chapter 2 General Description

2.1 USE OF THE VEGA

The ***VEGA*** is very ergonomic and modern designed and very user friendly. It can be connected to your POS or Host system trough a RS232 cable, KBW cable, USB cable or with Bluetooth wireless.

To read a bar code, you simply press the red trigger button and aim the beam to the bar code. But you need to position the beam so that it falls across all bars in the 1D barcodes. You will hear one beep and the green LED indicator will lights on after scan successfully.

The programming of the ***VEGA*** is very easy, you can set-up the ***VEGA*** by scan all necessary programming codes one time that meet applications, the settings are directly saved permanently, and all settings can be disabled after scan reset factory default.
Thanks to the power full decoding processor, the ***VEGA*** can decode all major 1D codes.



Chapter 3 Installation of the VEGA V-1010

3.1 V-1010 UNPACKING

Unpack the ***VEGA*** as follows:

1. Take the ***VEGA*** and its accessories out of the box.
2. Remove the packing material.
3. Check the packing list to make sure you have received all of the items ordered.

   Standard Shipment Package

   a. ***VEGA*** linear imager handheld bar code scanner
   b. Power Adaptor if apply
   c. User Manual
   d. Communication Cable
   e. Stand
   f. Transparent Cover Plate
4. Visually inspect the ***VEGA*** and accessories for any evidence of physical damage.
5. If anything is missing or appears to be damaged, immediately contact your dealer.

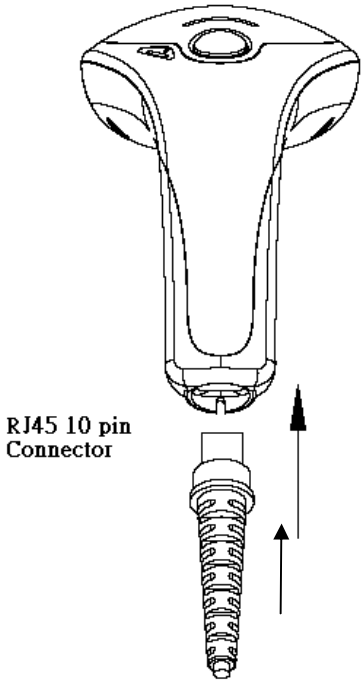
ATTENTION

Store the packing material and boxes: it should be used whenever the ***VEGA*** is transported for servicing.

3.2 V-1010 MOUNTING

Once you have unpacked all components, you can start installing the ***VEGA***. Installing the ***VEGA*** is divided in different steps:

1. Connect the ***VEGA*** to the supplied communication cable (RJ45 side).
2. Connect the ***VEGA*** communication cable to the POS or Host system.
3. Connect the Power supply (if needed) to Power cable inlet.
4. Plug the power supply into the AC outlet.



Chapter 4 Installation of the VEGA V-1010BT/V-1010BT

4.1 V-1010BT UNPACKING

Unpack the ***VEGA*** as follows:

1. Take the ***VEGA*** and its accessories out of the box.
2. Remove the packing material.
3. Check the packing list to make sure you have received all of the items ordered.

   Standard Shipment Package

   a. ***VEGA*** Linear Imager Handheld Bar code Scanner Bluetooth
   b. Communication Cable (RS-232 or Keyboard wedge or USB)
   c. Power adaptor
   d. User Manual
   e. Bluetooth Cradle or charger
   f. Transparent Cover Plate
4. Visually inspect the ***VEGA*** and accessories for any evidence of physical damage.
5. If anything is missing or appears to be damaged, immediately contact your dealer.

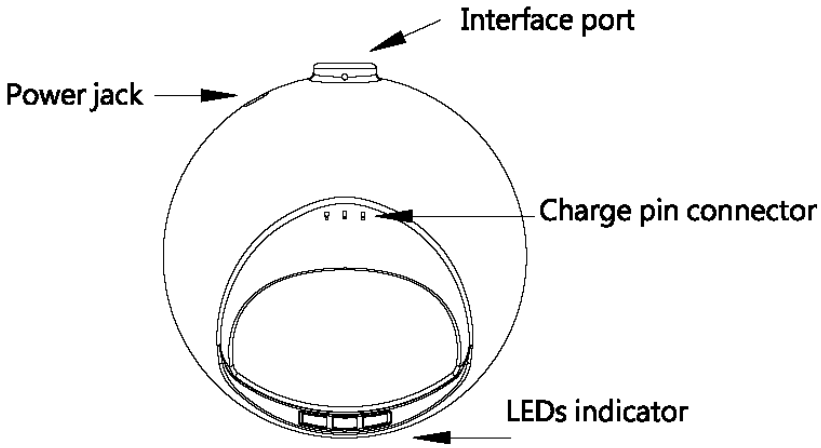
ATTENTION

Store the packing material and boxes: it should be used whenever the ***VEGA*** is transported for servicing.

4.2 V-1010BT CRADLE INSTALLATION

To set up your ***VEGA*** scanner with Bluetooth technology, please follow the next steps.

1. Connect the supplied communication cable at the bottom side of the cradle.
2. Connect the other side of the communication cable to the right connector of your POS or HOST system.
3. Plug the external power supply into the power jack on the bottom of the cradle.
4. Plug the power supply into the AC outlet.
5. Turn on your POS or HOST system.
6. Set up communication between the ***VEGA*** scanner and cradle.
   To set up communication between ***VEGA*** scanner and cradle, see chapter 4.3 set up Bluetooth Communication.



4.3 V-1010BT SET UP BLUETOOTH COMMUNICATION

Before the ***VEGA*** scanner can be used for normal operation, Bluetooth communication must be set up between the ***VEGA*** scanner and cradle, Scanner client mode or to a Bluetooth application device, Scanner Server mode.

4.3.1 Pairing

Pairing refers to when a ***VEGA*** scanner has been linked or paired to a specific cradle by scanning that cradle's Bluetooth MAC address code, this Bluetooth MAC address code is unique for each cradle. This address code is located on the bottom side of the cradle. The pairing of a ***VEGA*** scanner to a cradle is one to one. Only one ***VEGA*** scanner can be paired to a cradle at any point in time.

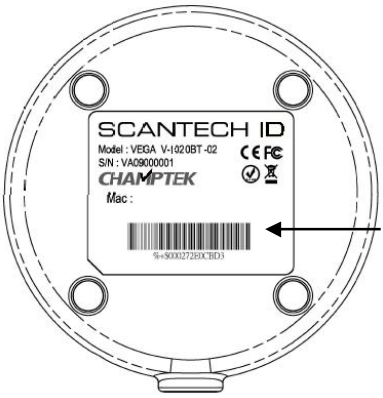
4.3.2 Set up Client Mode Communication

To set-up the communication between the ***VEGA*** scanner and the cradle follow the next steps:

1. The ***VEGA*** scanner must scan "Scanner Client Mode ON/Scanner Server Mode Off" barcode, to set the ***VEGA*** scanner in client mode.
2. Scan the Bluetooth MAC address code located on the bottom of the cradle.
3. When the Bluetooth MAC was successfully scanned, scanner will initiate with short beep sounds. Blue and red led will also blink followed by a long beep sound.
4. Wait approximately five seconds, for completing the connection process. **Blue led will slow flash on scanner for connected the cradle.**
5. If successful, the blue led on the cradle will be on.
6. If the connections failed the scanner indicates with shot beep sounds and the cradle with blinking blue led.

ATTENTION

The ***VEGA*** scanner must be charged for a minimum of 8 hours before the scanner can be placed in full operation for the first time.
The cradle red led will indicate in red when the scanner is charged.
After the battery is full, **The charge green light will be light.The charge green light will be off when the scanner leaving from cradle.**
If the battery power of the ***VEGA*** is too low, the ***VEGA*** will indicate this with red led and beeper warning.



It is important to know that the ***VEGA*** scanner will only communicate with the cradle whose unique Bluetooth MAC address was the last address scanned. If a cradle is paired with the ***VEGA*** scanner, another ***VEGA*** scanner can't be paired with that cradle until the original connection is broken.

If you pair a second ***VEGA*** scanner to an in use cradle, the cradle's connection to the first ***VEGA*** scanner will be broken and the connection re-established with the second ***VEGA*** scanner.

4.3.3 Set up Server Mode Communication

To set-up the communication between the VEGA scanner and Bluetooth application device follow the next steps.

1. The VEGA scanner must scan "Scanner Server Mode ON/Scanner Client Mode Off" barcode, to set the VEGA scanner in server mode.

2. When control the Bluetooth device to search the scanner, enter pin code (default 00:00:00:00) to setup comport.
3. When VEGA scanner is successful connected, scanner will initiate with short beep sounds. Blue and red led will also blink followed by a long beep sound. Blue led will **slow flash** to finish the set up.

4.3.4 Sleep Mode

The ***VEGA*** scanner is equipped with sleep mode function to save battery energy, when the VEGA scanner is not used for 1 minute or 10 minute time **(option 10 minute)**. During sleep mode all the functions and connection will be halted, after press the red trigger button the scanner can be wake up and reconnect the communication with the cradle or Bluetooth device. By scanning the according programming code, see chapter 7.

4.3.5 Memory Mode

This memory mode function is enabled when you have scanned "memory on" barcode. Scanning data is stored in the memory of the *VEGA* scanner. This function is disabled when you have scanned "memory off" barcode.

When scan barcode "memory read" barcode stored data will be immediately transmit to the cradle after reconnection. when scan barcode "memory clear" barcode all stored memory data will be erased. The capacity of this memory depends on the scanned data size, approximately 50 sets of data.

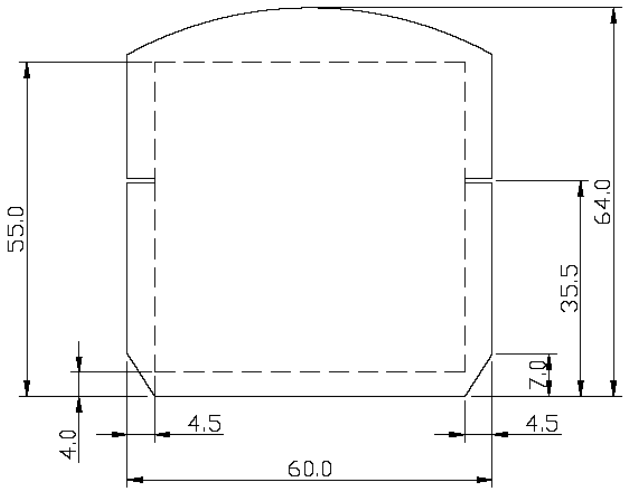
Chapter 5 Cover Display

5.1 SETUP COVER DISPLAY

The ***VEGA*** scanner has the opportunity to change the decorative cover display on the top of the scanner into a display that can show our own commercial message.

5.1.1 Message Format

Create your own commercial message with the following outline format, use thicker paper



5.1.2 Change Cover Display

Follow the next instruction steps to change the black Cover Display into the transparent Cover Display, so that your customers can read your own commercial massage.

Step 1: Press out the front rubber lid toward the arrow.	
Step 2: Pull out the front rubber lid off the main unit.	
Step 3: Press out top cover rim from the inner lock.	

Step 4: Press out the other side of inner lock and remove the complete cover.	
Step 5 Assemble transparent top cover rim into inner lock.	
Step 6 Assemble another side transparent top cover rim into the inner lock.	

Step 7 Insert your commercial message card into the top cover toward the arrow.	
Step 8 Assemble the front rubber lid into the main unit toward the arrow.	

Chapter 6 Configuring the VEGA

6.1 PREFACE

How to configure the ***VEGA***:

The Barcode programming feature gives the possibility to change the ***VEGA*** scanner settings with use programming labels.

6.1.1 Changing Scanner Settings with Programming Codes

You can set-up your ***VEGA*** by scan all necessary programming codes for parameters that meet applications.

In order to change the scanner settings please follow the sequence below:

1. Power-up the scanner.
2. Open the scanner programming mode by scanning
   Start Configuration.
3. Change scanner settings by scanning any of the programming code
   that meet applications.
4. Close the scanner programming mode by scanning
   End Configuration.
5. Save configuration by scanning
   Save Parameters

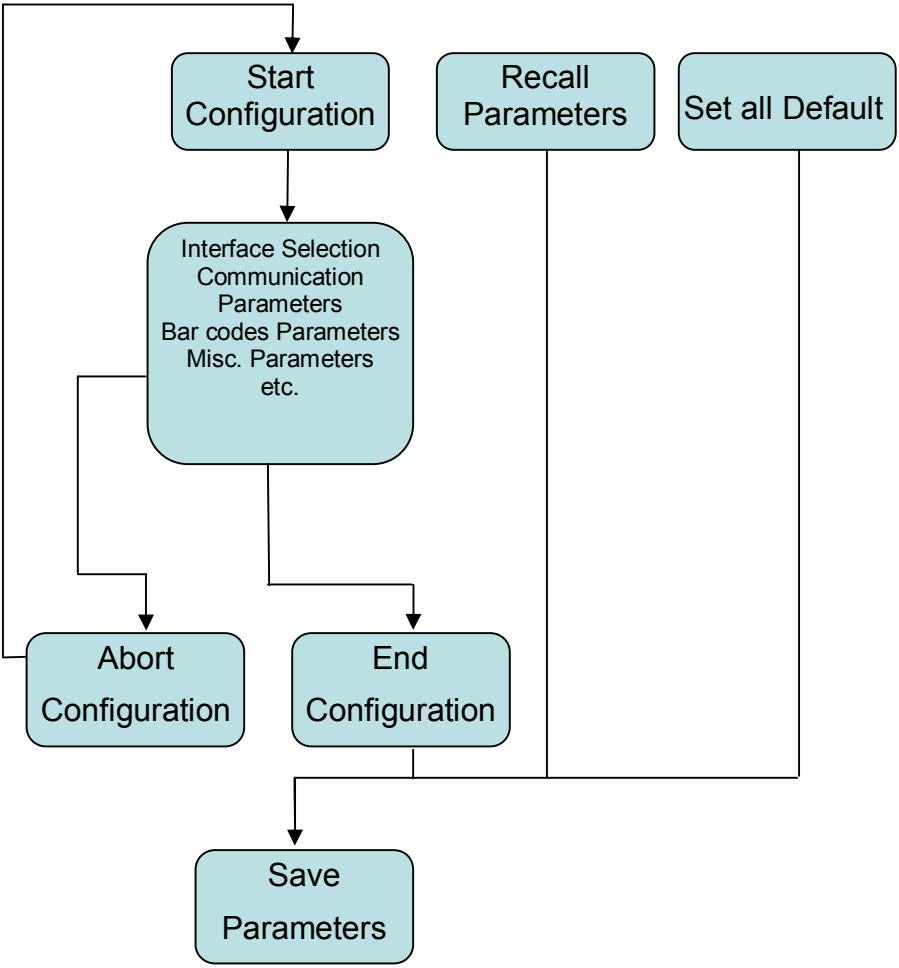
An Example:
For changing the Baud rate to 38400 the following codes must be scanned successively:

Start configuration→Baud rate 38400→End configuration→ Save Parameters

After reading a valid programming code the scanner will give a double High beep and the green led indicator will lights on.

By scanning “Set All Default” label, the settings will go back to the factory default settings.

6.1.2 Programming Flow Chart



6.2 FACTORY DEFAULT SETTING

The ***VEGA*** is set default with the following settings:

RS232 COMMUNICATION	**DEFAULT**
Baud rate	V-1010:9600 V-1010BT:19200
Parity	None
Data bits	8
Stop bits	1
RTS/CTS	Off
Postamble	<CR+LF>
DECODER SELECTION	**DEFAULT**
All UPC/EAN/JAN	On
Code 11	Off
Code 39	On
Code 39 Full ASCII	Off
Code 32 / Italian Pharmacy	Off
Code 128	On
Codabar/NW7	On
GS1 Databar RSS-14	Off
GS1 Databar Expanded	Off
GS1 Databar Limited	Off
Interleave 2 of 5	On
Industrial 2 of 5	Off
Matrix 2 of 5	Off
MSI/Plessey	Off
Telepen	Off
China Postage	Off
CODE IDENTIFIERS	**DEFAULT**
Code Identifiers	Off

The factory defaults settings are shown with <> and bold in the following chapters.

Chapter 7 Programming Codes

7.1 GENERAL PROCESS

1	Power up the Scanner
2	Scan the Start of Configuration bar code
3	Scan the bar code for the desired feature. You can scan all features before scanning End of Configuration.
4	Scan End of Configuration bar code
5	Scan Save Parameters bar code

7.1.1 Abort Configuration

Terminate current programming status.

7.1.2 Recall

Replace the current parameters by the parameters saved last time

7.1.3 Set All Default

Set all the parameters to the factory default settings	

7.1.4 Version Information

Display the decoder version information and date code	

7.2 INTERFACE SELECTION

7.2.1 Interface

<Keyboard Mode>	
RS232 Mode	
USB Mode	

7.3 BLUETOOTH SCANNER SETUP

7.3.1 Preface

How to configure the Bluetooth function:

The Barcode programming feature gives the possibility to change the ***VEGA*** scanner settings with use programming labels.

7.3.2 Changing Scanner Settings with Programming Codes

You can set-up Bluetooth function by direct scan all necessary programming codes for Bluetooth parameters.

After reading a valid programming code the scanner will give a High-low beep and the Blue-Red led indicator will lights on.

7.3.3 Scanner Mode

Client Mode ON / Server Mode OFF	
Server Mode ON / Client Mode OFF	

7.3.4 Memory Mode

Memory Mode ON	
Memory Mode **<OFF>**	

Memory Read Mode	
Memory Clear Mode	

7.3.5 Sleep Mode

<Sleep Mode On 1 minute>	
Sleep Mode On 10 minute	
Sleep Mode OFF	

7.3.6 Scanner Pincode Mode

Default Security code (PINCODE=000000)	

Security Code ON	
Security Code OFF	

7.3.7 Scanner Pincode Setup

Set PINCODE Max 6 Digits, 0-9 and A-Z ASCII Code	
	Go to ASCII table in Appendix B, scan 6 labels that represents the PINCODE
Complete to Set PINCODE	

7.4 BLUETOOTH CRADLE SETUP

7.4.1 Cradle Pincode Mode

Default Security code (PINCODE=000000)	
Security Code ON	
Security Code OFF	

7.4.2 Cradle Pincode Setup

Set PINCODE Max 6 Digits, 0-9 and A-Z ASCII Code	
	Go to ASCII table in Appendix B, scan 6 labels that represents the PINCODE
Complete to Set PINCODE	

7.5 SCANNER OPERATION

7.5.1 Reading Mode

<Good Read OFF>	
Trigger ON/OFF	
Continuous/Trigger OFF	
Continuous/Auto Power ON	
Flash	
Flash/Auto Power ON	
Testing	

7.5.2 Good Read LED Control

<Good Read LED ON>	

Good Read LED OFF

7.5.3 Beeper Option

<High>

Medium

Low

Off

7.5.4 Reading Level

Bar Equals High

<Bar Equals Low>

7.5.5 Accurany / Redundant Scan

<Original> - Require 1 good decode for a good scan

1 Redundant Scan - Require 2 consecutive decodes of the same bar code data for a good scan	
2 Redundant Scan - Require 3 consecutive decodes of the same bar code data for a good scan	
3 Redundant Scan - Require 4 consecutive decodes of the same bar code data for a good scan	

7.5.6 Sensitivity of Continuous Reading

This Feature is working under Reading Mode > Continuous modes

<Fast>	
Slow	

7.5.7 Reverse Output Characters

Example: 012345 → 543210

Enable	
<Disable>	

7.6 RS232 MODE PARAMETERS

7.6.1 Baud Rate

1200	
2400	
4800	
<9600> for V-1010	
<19200> for V-1010BT	
38400	
57600	

7.6.2 Data/Stop Bits

The number of data bits transmitted for each character

7 Data Bits	
< 8 Data Bits >	
< 1 Stop Bits >	
2 Stop Bits	

7.6.3 Parity

A Parity bit is an extra data bit used to help catch data transmission errors.

<None>	
Even – Select to set the parity bit either a 1 or 0 to ensure an even number of bits are 1's	
Odd – Select to set the parity bit either a 1 or 0 to ensure an odd number of bits are 1's	
Mark – Select to set the parity bit always 1.	
Space– Select to set the parity bit always 0.	

7.6.4 Handshaking

RTS/CTS ON – Output a Request to Send (RTS) signal and wait for a Clear to Send (CTS) signal before transmitting data

RTS/CTS **<OFF>**

ACK/NAK – After transmitting data, wait for host to send an ACK or a NAK response. If ACK is received, then complete the data transmission. If NAK is received, re-send the last set of data and wait for ACK/NAK again.

ACK/NAK **<OFF>**

XON/XOFF – After transmitting data, wait for host to send an XON or a XOFF response. If XON is received, then complete the data transmission. If XOFF is received, stop the transmission.

XON/XOFF **<OFF>**

7.7 KEYBOARD WEDGE MODE PARAMETERS

7.7.1 Terminal Type

<IBM PC/AT,PS/2> - Includes IBM PS/2 and compatible models 50, 55, 60, 80	
IBM PC/XT	
IBM PS/2 25, 30	
IBM 5550	
IBM 102 Key	
IBM 122 Key (1)	
IBM 122 Key (2)	
NEC 9800	
Apple Desktop Bus(ADB)	

7.7.2 Country/Language

<US English>	
UK English	
Italian	
Spanish	
French	
German	
Swedish	
Switzerland	
Hungarian	
Japanese	
Belgium	

Portuguese	
Denmark	
Netherlands	
Turkey	

7.7.3 Upper/Lower Case

<No Change>	
Enable Lower Case **–** Transmit all data as lower case	
Enable Upper Case **–** Transmit all data as upper case	

7.7.4 Interscan Code Delay

<No Delay>	
5 ms	
10 ms	
25 ms	
50 ms	
100 ms	
200 ms	
300 ms	

7.8 OUTPUT CHARACTERS

7.8.1 Select Terminator

<CR+LF>– The scanner transmits a carriage return and a line feed after each scan	
CR Suffix – The scanner transmits a carriage return after each scan	
LF Suffix – The scanner transmits a line feed after each scan	
Space	
Tab	
Alt	
Disable Alt	
STX-ETX **–** RS232 only	

7.9 CODE TYPE

7.9.1 Barcode Selections

If “Enable” is selected for all bar codes types, then the scanner could read all types of bar code. If “Disable” is selected for a certain bar code type, then the scanner could not read the particular bar code. The symbol of “**<>**” means default settings.

All Bar Codes ON	
UPC-A **<ON>**	
UPC-A OFF	
UPC-E **<ON>**	
UPC-E OFF	
EAN-13 / JAN-13 **<ON>**	
EAN-13 / JAN-13 OFF	
EAN-8 / JAN-8 **<ON>**	
EAN-8 / JAN-8 OFF	

CODE 39 **<ON>**	
CODE 39 OFF	
Standard Code 39 **<ON>**	
Full ASCII Code 39 ON	
Code32 / Italian Pharmacy ON	
Code32 / Italian Pharmacy **<OFF>**	
Code 128 **<ON>**	
Code 128 OFF	
Interleave 2 of 5 **<ON>**	
Interleave 2 of 5 OFF	
Codabar/NW7 **<ON>**	
Codabar/NW7 OFF	

Industrial 2 of 5 ON	
Industrial 2 of 5 **<OFF>**	
Matrix 2 of 5 ON	
Matrix 2 of 5 **<OFF>**	
CODE 93 ON	
CODE 93 **<OFF>**	
CODE 11 ON	
CODE 11 **<OFF>**	
MSI/PLESSEY ON	
MSI/PLESSEY **<OFF>**	
Telepen ON	
Telepen **<OFF>**	

China Postage ON	
China Postage **<OFF>**	
GS1 DataBar ON	
GS1 DataBar **<OFF>**	
GS1 DataBar Expanded ON	
GS1 DataBar Expanded **<OFF>**	
GS1 DataBar Limited ON	
GS1 DataBar Limited **<OFF>**	

7.10 UPC/EAN/JAN PARAMETERS

7.10.1 Reading Type

UPC-A=EAN-13 ON Add 0 before UPC-A to make it 13 digits.	
UPC-A = EAN-13 **<OFF>**	
ISBN Enable	
ISBN **<Disable>**	
ISSN Enable	
ISSN **<Disable>**	
Decode with Supplement	
<Auto Discriminate Supplement>	
Expand UPC-E Enable	
<Expand UPC-E Disable>	

EAN8=EAN13 Enable	
<EAN8=EAN13 Disable>	
GTIN Format Enable	
<GTIN Format Disable>	

7.10.2 Supplemental Setup

<Not Transmit>	
2 Digit Supplemental	
5 Digit Supplemental	
2 & 5 Digit Supplemental	

7.10.3 Check Digit Transmission

UPC-A Check Digit Transmission **<ON>**	
UPC-A Check Digit Transmission OFF	
UPC-E Check Digit Transmission **<ON>**	
UPC-E Check Digit Transmission OFF	
EAN-8 Check Digit Transmission **<ON>**	
EAN-8 Check Digit Transmission OFF	
EAN-13 Check Digit Transmission **<ON>**	
EAN-13 Check Digit Transmission OFF	
ISSN Check Digit Transmission **<ON>**	
ISSN Check Digit Transmission OFF	

7.11 CODE 39 PARAMETERS

7.11.1 Type of Code

<Standard Code 39>	
Full ASCII Code 39	

7.11.2 Check Digit Transmission

<Do Not Calculate Check Digit>	
Calculate Check Digit and Transmit	
Calculate Check Digit and Not Transmit	

7.11.3 Output Start/Stop Character

Enable	
<Disable>	

7.11.4 Decode Asterisk

Enable	
<Disable>	

7.11.5 Set Up Code Length

To set the fixed length: (2 sets Available)

1. Scan the “Begin” programming code of the desired set
2. Go to the Decimal Value Tables in Appendix A, scan programming codes that represents the length to be read.
3. Scan the “Complete” programming code of the desired set.

Repeat the steps 1 – 3 to set additional lengths.

<Variable>	
Fixed Length 1st Set	
1st Set Begin	
Decimal Value	See Appendix A
1st Set Complete	
Fixed Length 2nd Set	

2nd Set Begin	
Decimal Value	See Appendix A
2nd Set Complete	

Minimum Length

Minimum Length Begin	
Decimal Value	See Appendix A
Minimum Length Complete	

7.12 CODE 128 PARAMETERS

7.12.1 Reading Type

UCC/EAN-128 Enable	
<UCC/EAN-128 Disable>	

7.12.2 Check Digit Transmission

Do Not Calculate Check Digit	
Calculate Check Digit and Transmit	
<Calculate Check Digit and Not Transmit>	

7.12.3 Append FNC2

ON	
<OFF>	

7.12.4 Set Up Code Length

To set the fixed length: (2 sets Available)

1. Scan the “Begin” programming code of the desired set
2. Go to the Decimal Value Tables in Appendix A, scan programming codes that represents the length to be read.
3. Scan the “Complete” programming code of the desired set.

Repeat the steps 1 – 3 to set additional lengths

<Variable>	
Fixed Length 1st Set	
1st Set Begin	
Decimal Value	See Appendix A
1st Set Complete	
Fixed Length 2nd Set	
2nd Set Begin	
Decimal Value	See Appendix A
2nd Set Complete	
Minimum Length	

Minimum Length Begin	
Decimal Value	See Appendix A
Minimum Length Complete	

7.13 INTERLEAVE 2 OF 5 PARAMETERS

7.13.1 Check Digit Transmission

<Do Not Calculate Check Digit>	
Calculate Check Digit and Transmit	
Calculate Check Digit and Not Transmit	

7.13.2 Set Up Number of Character

<Even>	
Odd	

7.13.3 Brazilian Banking Code

Enable	
<Disable>	

7.13.4 Set Up Code Length

To set the fixed length: (2 sets Available)

1 Scan the “Begin” programming code of the desired set
2 Go to the Decimal Value Tables in Appendix A, scan programming codes that represents the length to be read.
3 Scan the “Complete” programming code of the desired set.

Repeat the steps 1 – 3 to set additional lengths

<Variable>	
Fixed Length 1st Set	
1st Set Begin	
Decimal Value	See Appendix A
1st Set Complete	
Fixed Length 2nd Set	
2nd Set Begin	
Decimal Value	See Appendix A
2nd Set Complete	
Minimum Length	

Minimum Length Begin	
Decimal Value	See Appendix A
Minimum Length Complete	

7.14 INDUSTRIAL 2 OF 5 PARAMETERS

7.14.1 Reading Type

IATA25 Enable	
<IATA25 Disable>	

7.14.2 Check Digit Transmission

<Do Not Calculate Check Digit>	
Calculate Check Digit and Transmit	
Calculate Check Digit and Not Transmit	

7.14.3 Set Up Code Length

To set the fixed length: (2 sets Available)

1 1Scan the “Begin” programming code of the desired set
2 Go to the Decimal Value Tables in Appendix A, scan programming codes that represents the length to be read.
3 Scan the “Complete” programming code of the desired set.

Repeat the steps 1 – 3 to set additional lengths

<Variable>	
Fixed Length 1st Set	
1st Set Begin	
Decimal Value	See Appendix A
1st Set Complete	
Fixed Length 2nd Set	
2nd Set Begin	
Decimal Value	See Appendix A
2nd Set Complete	

Minimum Length

Minimum Length Begin	
Decimal Value	See Appendix A
Minimum Length Complete	

7.15 MATRIX 2 OF 5 PARAMETERS

7.15.1 Check Digit Transmission

<Do Not Calculate Check Digit>	
Calculate Check Digit and Transmit	
Calculate Check Digit and Not Transmit	

7.15.2 Set Up Code Length

To set the fixed length: (2 sets Available)

1 Scan the “Begin” programming code of the desired set
2 Go to the Decimal Value Tables in Appendix A, scan programming codes that represents the length to be read.
3 Scan the “Complete” programming code of the desired set.

Repeat the steps 1 – 3 to set additional lengths

<Variable>	

Fixed Length 1st Set

1st Set Begin	
Decimal Value	See Appendix A
1st Set Complete	

Fixed Length 2nd Set

2nd Set Begin	
Decimal Value	See Appendix A
2nd Set Complete	

Minimum Length

Minimum Length Begin	
Decimal Value	See Appendix A
Minimum Length Complete	

7.16 CODABAR/NW7 PARAMETERS

7.16.1 Set Up Start/Stop Characters upon Transmission

ON	
<OFF>	

7.16.2 Transmission Type of Start/Stop

A/B/C/D **<Start>**	
A/B/C/D **<Stop>**	
A Start	
A Stop	
B Start	
B Stop	

C Start	
C Stop	
D Start	
D Stop	

7.16.3 Set Up Code Length

To set the fixed length: (2 sets Available)

1 Scan the “Begin” programming code of the desired set
2 Go to the Decimal Value Tables in Appendix A, scan programming codes that represents the length to be read.
3 Scan the “Complete” programming code of the desired set.

Repeat the steps 1 – 3 to set additional lengths

<Variable>	

Fixed Length 1st Set

1st Set Begin	
Decimal Value	See Appendix A
1st Set Complete	

Fixed Length 2nd Set

2nd Set Begin	
Decimal Value	See Appendix A
2nd Set Complete	

Minimum Length

Minimum Length Begin	
Decimal Value	See Appendix A
Minimum Length Complete	

7.17 CODE 93 PARAMETERS

7.17.1 Check Digit Transmission

Do Not Calculate Check Digit	
<Calculate Check 2 Digit and Not Transmit>	

7.17.2 Set Up Code Length

To set the fixed length: (2 sets Available)

1 Scan the “Begin” programming code of the desired set
2 Go to the Decimal Value Tables in Appendix A, scan programming codes that represents the length to be read.
3 Scan the “Complete” programming code of the desired set.

Repeat the steps 1 – 3 to set additional lengths.

<Variable>	

Fixed Length 1st Set

1st Set Begin	
Decimal Value	See Appendix A
1st Set Complete	

Fixed Length 2nd Set

2nd Set Begin	
Decimal Value	See Appendix A
2nd Set Complete	

Minimum Length

Minimum Length Begin	
Decimal Value	See Appendix A
Minimum Length Complete	

7.18 CODE 11 PARAMETERS

7.18.1 Check Digit Transmission

<Do Not Calculate Check Digit>	
Calculate Check 1 Digit and Transmit	
Calculate Check 1 Digit and Not Transmit	
Calculate Check 2 Digit and Transmit	
Calculate Check 2 Digit and Not Transmit	

7.18.2 Set Up Code Length

To set the fixed length: (2 sets Available)

1. Scan the “Begin” programming code of the desired set
2. Go to the Decimal Value Tables in Appendix A, scan programming codes that represents the length to be read.
3. Scan the “Complete” programming code of the desired set.

Repeat the steps 1 – 3 to set additional lengths.

<Variable>	

Fixed Length 1st Set

1st Set Begin	
Decimal Value	See Appendix A
1st Set Complete	

Fixed Length 2nd Set

2nd Set Begin	
Decimal Value	See Appendix A
2nd Set Complete	

Minimum Length

Minimum Length Begin	
Decimal Value	See Appendix A
Minimum Length Complete	

7.19 MSI/PLESSEY CODE PARAMETERS

7.19.1 Check Digit Transmission

<Do Not Calculate Check Digit>	
Calculate Check Digit and Transmit	
Calculate Check Digit and Not Transmit	

7.19.2 Set Up Code Length

To set the fixed length: (2 sets Available)

1. Scan the “Begin” programming code of the desired set
2. Go to the Decimal Value Tables in Appendix A, scan programming codes that represents the length to be read.
3. Scan the “Complete” programming code of the desired set.

Repeat the steps 1 – 3 to set additional lengths.

<Variable>	

Fixed Length 1st Set

1st Set Begin	
Decimal Value	See Appendix A
1st Set Complete	

Fixed Length 2nd Set

2nd Set Begin	
Decimal Value	See Appendix A
2nd Set Complete	

Minimum Length

Minimum Length Begin	
Decimal Value	See Appendix A
Minimum Length Complete	

7.20 TELEPEN PARAMETERS

7.20.1 Type of Code

Telepen ASCII **<ON>**

Telepen Numeric

7.20.2 Check Digit Transmission

Do Not Calculate Check Digit

Calculate Check Digit and Transmit

<Calculate Check Digit and Not Transmit>

7.20.3 Set Up Code Length

To set the fixed length: (2 sets Available)

4. Scan the “Begin” programming code of the desired set
5. Go to the Decimal Value Tables in Appendix A, scan programming codes that represents the length to be read.
6. Scan the “Complete” programming code of the desired set.

Repeat the steps 1 – 3 to set additional lengths.

<Variable>

Fixed Length 1st Set

1st Set Begin	
Decimal Value	See Appendix A
1st Set Complete	

Fixed Length 2nd Set

2nd Set Begin	
Decimal Value	See Appendix A
2nd Set Complete	

Minimum Length

Minimum Length Begin	
Decimal Value	See Appendix A
Minimum Length Complete	

7.21 GS1 DATABAR PARAMETERS

7.21.1 Check Digit Transmission

<Calculate Check Digit and Transmit>	
Calculate Check Digit and Not Transmit	

7.21.2 Application ID

<Transmit Application ID> Add 01 Before GS1 Databar	
Do Not Transmit Application ID	

7.21.3 Symbology ID

Transmit Symbology ID Add]e0 Before GS1 Databar.	
<Do Not Transmit Symbology ID>	

7.22 GS1 DATABAR LIMITED PARAMETERS

7.22.1 Check Digit Transmission

<Calculate Check Digit and Transmit>	
Calculate Check Digit and Not Transmit	

7.22.2 Application ID

<Transmit Application ID> Add 01 Before GS1 Databar Limited.	
Don’t Transmit Application ID	

7.22.3 Symbology ID

Transmit Symbology ID Add]e0 Before GS1 Databar Limited.	
<Don’t Transmit Symbology ID>	

7.23 GS1 DATABAR EXPANDED PARAMETERS

7.23.1 Symbology ID

Transmit Symbology ID Add]e0 Before GS1 Databar Expanded.	
<Don't Transmit Symbology ID>	

Chapter 8 Miscellaneous Parameters

8.1 BAR CODE ID

8.1.1 Default Barcode ID

With this function on, a leading character will be added to the output string while scanning code; user may refer to the following table to know what kind of barcode is being scanned.

Code Type	ID	Code Type	ID
UPC-A	A	UPC-E	B
EAN-8	C	EAN-13	D
Code 39	E	Code 128	F
Interleave 2 of 5	G	Industrial 2 of 5	H
Matrix 2 of 5	I	Codabar/NW7	J
Code 93	K	Code 11	L
China Postage	M	MSI/Plessey	N
Telepen	T	GS1 DataBar	U
GS1 DataBar Lim.	V	GS1 DataBar Exp.	W

Bar Code ID ON

Bar Code ID **<OFF>**

Default – Return from User Define to Default

8.1.2 User Define Code ID

To set the code ID

1. Scan the symbologies programming code.
2. Go to the ASCII Tables in Appendix B, Scan programming codes that represents the desired ID.

Note: User defines code ID will override default value. Program will not check the conflict. It is possible to have more than two symbologies which have same code ID.

UPC-A	
UPC-E	
EAN-13/JAN-13	
EAN-8/JAN-8	
CODE 39	
CODE 128	
Codabar/NW7	
Interleave 2 of 5	

Industrial 2 of 5	
Matrix 2 of 5	
CODE 93	
CODE 11	
China Postage	
MSI/PLESSEY	
Telepen	
GS1 DataBar	
GS1 DataBar Expanded	
GS1 DataBar Limited	

8.2 PREAMBLES AND POSTAMBLES INSERTION

8.2.1 Setup Insertion

To set the insertion of the output characters;

1. Scan the programming code of the desired set.
2. Scan the programming code of the desired symbology
3. Go to the Decimal Value in Appendix A, scan programming codes that represents the desired position to be inserted (1= the first digit, 99 the last digit).
4. Scan the “Complete” programming code of “Character Position to be Inserted”.
5. Go to the ASCII Tables in Appendix C, Scan programming codes that represents the desired characters to be inserted.
6. Scan the “Complete” programming code of “Characters to be Inserted”.

Repeat the steps 1 – 6 to set additional insertion.

Example: Insert $ as Preamble for Code UPC-A.

Start Configuration	
1st Set	
Code UPC-A	
1st Digit	
Complete	

$	
Complete	
End of Configuration Bar Code	
Save Parameters Bar Code	

8.2.2 Insertion Set Number

1st Set	
2nd Set	
3rd Set	
4th Set	
5th Set	
6th Set	

8.2.3 Symbologies Selection

UPC-A	
UPC-E	
EAN-13/JAN-13	
EAN-8/JAN-8	
CODE 39	
CODE 128	
Codabar/NW7	
Interleave 2 of 5	
Industrial 2 of 5	
Matrix 2 of 5	
CODE 93	

CODE 11	
China Postage	
MSI/PLESSEY	
Telepen	
GS1 DataBar RSS-14	
GS1 DataBar Expanded	
GS1 DataBar Limited	
All Codes	
None	

8.2.4 Character Position to be Insertion

Decimal Value	See Appendix A
Complete	

8.2.5 Characters to be Inserted

ASCII Table	See Appendix B and C
Complete	

8.3 CHARACTER DELETION

To setup the deletion of output characters:

1. Scan the programming code of the desired set.
2. Scan the programming code of the desired symbology.
3. Go to the decimal Value tables in Appendix A, scan programming codes that represents the desired position to be deleted.
4. Scan the “Complete” programming code of “Character Position to be Deleted”.
5. Go to the Decimal Value Tables in Appendix A, scan programming codes that represents the number of characters to be deleted.
6. Scan the “Complete” programming code of “Number of Characters to be deleted”.

Repeat the steps 1 – 6 to set additional deletion.

Example: Delete first 3 codes for Code EAN-13.

Start Configuration	
1st Set	
Code EAN-13	
1st Digit – Delete From the 1st Digit	
Complete	
3 – Delete 3 Characters	

Complete	
End of Configuration Bar Code	
Save Parameters Bar Code	

8.3.1 Deletion Set Number

1st Set	
2nd Set	
3rd Set	
4th Set	
5th Set	
6th Set	

8.3.2 Code Type to be Delete

UPC-A	
UPC-E	
EAN-13/JAN-13	
EAN-8/JAN-8	
CODE 39	
CODE 128	
Codabar/NW7	
Interleave 2 of 5	
Industrial 2 of 5	
Matrix 2 of 5	
CODE 93	

CODE 11	
China Postage	
MSI/PLESSEY	
Telepen	
GS1 DataBar	
GS1 DataBar Expanded	
GS1 DataBar Limited	
All Codes	
None	

8.3.3 Character Position to be Delete

Decimal Value	See Appendix A
Complete	

8.3.4 Number of Characters to be Delete

Decimal Value	See Appendix A
Complete	

Appendixes

A	Decimal Value Table	98
B	ASCII Table	99
C	Function Key Table	105
D	Readable Symbologies	106
E	Technical Specifications	107
F	Scan Map	109
G	Led Indicator Status	111
H	Test Symbologies	112
I	Overview Partnumbers	114

A DECIMAL VALUE TABLE

0	1
2	3
4	5
6	7
8	9

B ASCII TABLE

NULL		SOH	
STX		ETX	
EOT		ENQ	
ACK		BEL	
BS		HT	
LF		VT	
FF		CR	
SO		SI	
DLE		DC1	
DC2		DC3	
DC4		NAK	

SYN		ETB	
CAN		EM	
SUB		ESC	
FS		GS	
RS		US	
SPACE		!	
″		#	
$		%	
&		'	
(		)	
*		+	

, Comma		- minus	
. period		/	
0 Number Zero		1 Number One	
2		3	
4		5	
6		7	
8		9	
:		;	
< Less than		=	
> Greater than		?	
@		A	

B		C	
D		E	
F		G	
H		I Letter I	
J		K	
L		M	
N		O Letter O	
P		Q	
R		S	
T		U	
V		W	

X		Y	
Z		[	
\		]	
^		_ Underscore	
`		a	
b		c	
d		e	
f		g	
h		i	
j		k	
l		m	

n		o	
p		q	
r		s	
t		u	
v		w	
x		y	
z		{	
| Vertical slash		}	
~		DEL	

C FUNCTION KEY TABLE

F1		F7	
F2		F8	
F3		F9	
F4		F10	
F5		F11	
F6		F12	
Insert		Delete	
Home		End	
Page Up		Page Down	
Left		Right	
Up		Down	

D READABLE SYMBOLOGIES

1D Symbologies

Symbology	Default Enable	Note
Codabar/NW7	On	
Code 11	Off	
Code 32 / Italian Pharmacy	Off	
Code 39	On	
Code 93	Off	
Code 128	On	
EAN 8 / EAN 13	On	
EAN 128	On	
GS1 DataBar(RSS)	Off	Omni, Expanded, limited
Interleave 2 of 5	On	
Industrial 2 of 5	Off	
ISBN	Off	
ISSN	Off	
Matrix 2 of 5	Off	
MSI / PLESSEY	Off	
China Postage	Off	
Telepen	Off	
UPC A / UPC E	On	

E TECHNICAL SPECIFICATIONS

Physical Characteristics Scanner

Scanner Weight (V-1010)	Approx 240 gr.
Scanner Weight (V-1010BT)	Approx 195 gr. (incl. batteries)
Cradle Weight	**Approx. 145g**
Charger Weight	**Approx. 135g**
Material	ABS Plastic
Connector	RJ 45C 10Pins
Dimension	186.8 mm x 81.6 mm x 63.9 mm
Cradle Dimension	**123.9mm x 120mm x 71.4mm**

Physical Characteristics Bluetooth Cradle

Weight	Approx 150 gr.
Material	ABS Plastic
Connector	RJ 45C 10Pins
Dimension	129.9 mm x 120 mm x 71.4 mm

Operational

Light source	639 nm
Scan rate	700 scans/sec ±10%
Reading Distance	270 mm
Width of Field	80 mm
Scan Angle	Forward & Backward ±70° Left & Right ±60° Dead Zone ±5°
Interface	RS232, KBW (PS/2), USB
V-1010 Indicators (led)	Green = good read
V-1010BT Indicator leds	**Green = good read** **Red = low battery,alarm** **Blue = Bluetooth functions**
Cradle Indicator leds	**Green = good read** **Blue = Bluetooth functions** **Green/Red= charge full/charging**

Electrical Characteristics (V-1010 wired model)

Operation Voltage	5 VDC ±5%
Current Operating	140 mA (max) @ 5 VDC
Current Standby	50 mA typical @ 5 VDC
AC transformers	5.2 VDC @ 650 mA / Input AC 100-240V

Electrical Characteristics (V-1010BT wireless model)

Battery	Li-ion 3.7V / 1400 mA.
Charge time	4.5 hours
Reads per charge	30,000
Cradle indicator leds	Battery charging: red Charge Completed: off Communication: blue
Operating Current	280 mA
Input Voltage	5 VDC @ 2 A / Input AC 110-240V

Radio Characteristics

Bluetooth Module	Bluetooth V2.0 Standard
Frequency Band	2.402GHz ~ 2.480GHz
Modulation Method	GFSK for 1Mbps
RF Output Power	Class 2 (under 4 dBm) Class 1 (under 20dBm)
Bluetooth distance range	Class 2 up to 10M(33”)
Bluetooth distance range	Class 1 up to 100M(330”)

Environmental

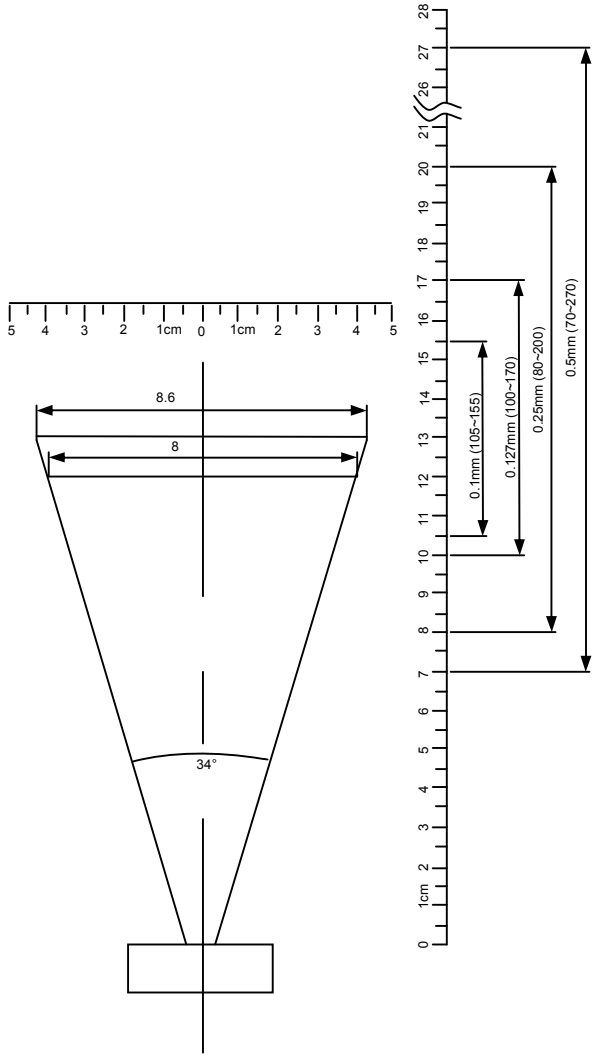
Operating Temp.	0°C to 50°C (32°F to 122°F)
Storage Temp.	-20°C to 70°C (-4°F to 158°F)
Relative Humidity	20 to 95% non-condensing
Ambient light	100,000 LUX max @ Direct sun Light

Regulatory of Compliance

FCC
CE
RoHs

F SCAN MAP

Typical Reading Distances



VEGA Typical Reading Distances (Centimetres)

Symbology	Density	Minimum Distance	Maximum Distance
Code 39	0.1 mm	10.5 cm	15.5 cm
	0.127 mm	10 cm	17 cm
	0.25 mm	8 cm	20 cm
	0.5 mm	7 cm	27 cm

VEGA Typical Reading Distances (inches)

Symbology	Density	Minimum Distance	Maximum Distance
Code 39	4 mils	4.1 inch	6.1 inch
	5 mils	3.9 inch	6.7 inch
	10 mils	3.2 inch	7.9 inch
	20 mils	2.8 inch	10.6 inch

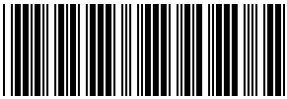
G LED INDICATOR STATUS

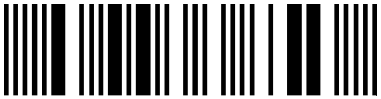
	LIGHT	SIGNAL	STATUS
Scanner	**Green**	1 Blink and 1 Beep	Good read and transmitted
			Good read and save on memory (BT Disconnect)
	Red	3 Long blink and 3 Long Beeps	Memory Full
		4 Blink and Beeps	Low Battery Warning
		2 Blink and 2 Beeps	Good Read but Transmit Fail
	Blue	3 Blink and 3 Beeps	BT Disconnect
		Flash (fast)	On Connecting
		Flash (slow)	BT Disconnect before Sleep
		Continuous on and 1 Long Beep	BT Connected
	Red Blue	1 Blink at the same time and 2 beeps	Setting Ok
	Green Red Blue	1 Blink taking turns 3 times	Battery Changed
Cradle	**Green**	1 Blink	Good Read and Transmitted
	Red	Continuous On	Battery in Charging
		Off	Charging Finished
	Blue	Flash	BT Disconnect
		Continuous On	BT Connected

H TEST SYMBOLOGIES

Scan one or more of these bar codes to test bar code symbologies you enabled.

1D Symbology

Codabar/NW7	CODE 11
CODE 39 	CODE 93
CODE 128	EAN 8
EAN 13	Interleave 2 of 5
ISBN	ISSN
GS1 DataBar	GS1 DataBar Expanded
GS1 Databar Limited	MSI / Plessey

Matrix 2 of 5	Industrial 2 of 5
UPC A	UPC E
Telepen 	China Postage

I OVERVIEW MODEL NUMBERS

***VEGA* with Linear Imager**
Version with RS232 interface: 1. A271002 VEGA V-1010-02 2. A272002 VEGA V-1010BT C2 -02 3. A275002 VEGA V-1010BT C1 -02 *Version with KBW interface:* 4. A271003 VEGA V-1010-03 5. A271003 VEGA V-1010BT C2 -03 6. A275003 VEGA V-1010BT C1 -03 *Version with USB (HID KBW) interface:* 7. A271004 VEGA V-1010-04 8. A272004 VEGA V-1010BT C2 -04 9. A275004 VEGA V-1010BT C1 -04 *Version with USB (virtual com port) interface:* 7. A271005 VEGA V-1010-05

Quick Configuration

Start Configuration

<Select your Settings>

End Configuration

Save Parameters

Set All Defaults

Recall Stored Parameters

Abort Configuration

Version Information

SCANTECH ID
a Champtek company

Scantech-ID BV
Nijverheidsweg Noord 60-34
3812 PM Amersfoort
The Netherlands

Phone: +31 (0)33 469 84 00
Fax: +31 (0)33 465 06 15
E-mail: info@scantech-id.com
Internet: www.scantech-id.com